

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(5A5A42) Hex(75756C) Hex(5A4242) Hex(3B3B35) Hex(BABABA) Hex(3B3B3B)

	Hex(5A5A42)	Hex(75756C)	Hex(5A4242)	Hex(3B3B35)	Hex(BABABA)	Hex(3B3B3B)
Hex(5A5A42)		Ratio: 1.52 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(75756C)	Ratio: 1.52 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(5A4242)	Ratio: 1.30 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(3B3B35)	Ratio: 1.60 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(BABABA)	Ratio: 3.64 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.59 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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